

Accomplishments

- Automating the Documentation and Certification of NASA Software. May 2004.
- Simulation-Based Verification of Autonomous Controllers via Livingstone Path Finder. May 2004.
- Verification of Diagnosability using Model Checking. April 2004.
- Lightweight Automatic Generation of Traceability Information. December 2003.
- Software Engineering Research Infusion ViTS. November 2003.
- Confidence Tool for Neuro-Adaptive Controllers. September 2003.
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- Deadlock Analysis with Fewer False Positives. November 2002.
- Verification for Next-Generation Space Shuttle. November 2002.
- Other NASA Links

Automating the Documentation and Certification of NASA Software. May 2004.
Ewen Denney

Simulation-Based Verification of Autonomous Controllers via Livingstone Path Finder. May 2004. Charles Pecheur and Tony Lindsey

Verification of Diagnosability using Model Checking. April 2004. Charles Pecheur

Lightweight Automatic Generation of Traceability Information. December 2003.
Julian Richardson

Software Engineering Research Infusion ViTS. November 2003. Thomas Pressburger and Lawrence Markosian

Confidence Tool for Neuro-Adaptive Controllers. September 2003. Johann Schumann and Pramod Gupta

Extending Code Generators with Certification Capability. July 2003. Ewen Denney

Correctness of Software Safety Policies. April 2003. Ewen Denney

Automatic Software Design Document Generation. March 2003. Bernd Fischer, Phil Oh, and Johann Schumann.

V and V of Neural Networks. March 2003. Pramod Gupta and Johann Schumann

NN Process Guides-Increases Safety and Reduce Cost. March 2003. Stacy Nelson

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Presentation on System-Level Verification for Autonomous Systems: Automatic Assumption Generation for Component Verification. February 2003. Dimitra Giannakopoulou and Corina Pasareanu

High Level Data Race Detection. February 2003. Klaus Havelund

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ASE Group Program V&V History 1997-2002. December 2002. Klaus Havelund and Willem Visser

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